

Title (en)

MONITORING DEVICE FOR ELEVATOR COMPENSATION ROPING

Title (de)

ÜBERWACHUNGSVORRICHTUNG FÜR AUFZUGSKOMPENSATIONSSEILE

Title (fr)

DISPOSITIF DE SURVEILLANCE POUR CORDAGE DE COMPENSATION D'ASCENSEUR

Publication

EP 3858775 A1 20210804 (EN)

Application

EP 20215822 A 20201218

Priority

US 202016747803 A 20200121

Abstract (en)

An illustrative example embodiment of a monitoring device for an elevator compensation assembly (40) includes at least one detector (50) that is configured to detect whether compensation roping (42) moves out of a predetermined position. A controller (52) is configured to limit elevator (22) movement based on an indication from the detector (50) that the compensation roping (42) moved out of the predetermined position.

IPC 8 full level

B66B 5/00 (2006.01); **B66B 7/06** (2006.01)

CPC (source: CN EP US)

B66B 1/28 (2013.01 - US); **B66B 1/3492** (2013.01 - US); **B66B 5/0025** (2013.01 - CN); **B66B 5/0031** (2013.01 - EP); **B66B 5/02** (2013.01 - US); **B66B 7/10** (2013.01 - CN); **B66B 7/1215** (2013.01 - US); **B66B 7/1238** (2013.01 - US); **B66B 9/00** (2013.01 - US); **B66B 17/12** (2013.01 - CN); **B66B 7/068** (2013.01 - EP)

Citation (search report)

- [X] US 4460065 A 19840717 - SAXER ALBERT J [US]
- [X] US 2013048431 A1 20130228 - GROSSRIEDER BERNHARD [CH], et al
- [X] US 2016376125 A1 20161229 - WELLS LUTHER [US], et al

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3858775 A1 20210804; **EP 3858775 B1 20230510**; CN 113213289 A 20210806; US 2021221645 A1 20210722

DOCDB simple family (application)

EP 20215822 A 20201218; CN 202011386973 A 20201202; US 202016747803 A 20200121